Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electronic device comprising:

a user input device ~~for receiving~~ configured to receive input from a user;

a user device processing unit ~~for performing~~ configured to perform functions of the electronic device;

a user interaction pattern monitoring device ~~for~~ configured to calculate predictability factors based on monitoring user interaction patterns of the user, monitoring device parameter settings, and correlating user interaction patterns with device parameter settings;

an associated memory ~~for storing~~ configured to store user interaction patterns, device parameter state, ~~and~~ correlation information and predictability factors;

a cognitive logic device ~~for analyzing~~ configured to analyze the user interaction patterns, parameter state, and correlation information and ~~for determining~~ configured to determine adjustments to the user device processing unit

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corresponding to particular user input, wherein the adjustments are based on <u>the</u> <u>calculated predictability factors</u> ~~increasing the ease of using a wireless device~~; and

a user device processing unit controller ~~for~~ <u>configured to dynamically</u> adjust~~ing~~ the user device processing unit in response to receipt of the ~~particular~~ user input in accordance with the determined adjustments <u>when the predictability factors reach a predetermined level</u>.

2. (Original) The electronic device of claim 1 wherein the determined adjustments include changes to parameters, configurations and states of the user device processing unit.

3. (Currently Amended) The electronic device of claim 1 wherein the cognitive logic device ~~uses a cognitive model that~~ creates <u>dynamic</u> rules based on a[[n]] <u>continuous</u> analysis of user interaction patterns, parameter state, ~~and~~ correlation information <u>and predictability factors</u>.

4. (Original) The electronic device of claim 3 wherein the user device unit controller selectively turns off rules in response to user interaction through the user input device.

5. (Currently Amended) The device of claim 1 <u>further configured for</u> <u>multiple users,</u> wherein the cognitive logic device categorizes the user interaction patterns into either common interaction patterns or style interaction patterns and adjusting the electronic device based on the common interaction patterns and selectively adjusting the electronic device based on the style interaction patterns in response to a current user interaction style.

6. (Currently Amended) A wireless transmit/receive unit (WTRU) comprising:

a user input device <u>configured to receive</u> <s>for receiving</s> input from a user;

a user device processing unit <u>configured to perform</u> <s>for performing</s> functions of the WTRU;

a user interaction pattern monitoring device <u>configured to for</u> <u>calculate</u> <u>predictability factors based on</u> monitoring user interaction patterns of the user, monitoring device parameter settings, and correlating user interaction patterns with device parameter settings;

an associated memory <u>configured to store</u> <s>for storing</s> user interaction patterns, device parameter state, <s>and</s> correlation information<u> and predictability</u> <u>factors</u>;

a cognitive logic device <u>configured to analyze for</u> <s>analyzing</s> the user interaction patterns, parameter state, and correlation information and <u>configured to</u>

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determine ~~for determining~~ adjustments to the user device processing unit corresponding to particular user input, wherein the adjustments are determined based on the calculated predictability factors ~~increasing the ease of using a wireless device~~; and

a user device processing unit controller configured to ~~for~~ dynamically adjusting the user device processing unit in response to receipt of the ~~particular~~ user input in accordance with the determined adjustments when the predictability factors reach a predetermined level.

7. (Original) The WTRU of claim 6 wherein the processing unit comprises a digital signal processor (DSP) and a reduced instruction set (RISC) processor.

8. (Original) The WTRU of claim 6 wherein the determined adjustments include changes to parameters, configurations and states of the processing unit.

9. (Currently Amended) The WTRU of claim 6 wherein the cognitive logic device ~~uses a cognitive model that~~ creates dynamic rules based on a[[n]] continuous analysis of user interaction pattern, parameter state, ~~and~~ correlation information and predictability factors.

10. (Original) The WTRU of claim 6 wherein the processing unit controller selectively turns off rules in response to user interaction through the user input device.

11. (Canceled).

12. (Currently Amended) An integrated circuit comprising:

an input configured to receive input from a user;

a processing unit, coupled to the input, ~~for performing~~ configured to perform functions of an electronic device;

a user interaction pattern monitoring device, coupled to the processing unit, ~~for~~ configured to calculate predictability factors based on monitoring user interaction patterns of the user, monitoring device parameter settings, and correlating user interaction patterns with device parameter settings;

an associated memory ~~for storing~~ configured to store user interaction patterns, device parameter state, ~~and~~ correlation information and predictability factors;

a cognitive logic device, coupled to the associated memory, ~~for analyzing~~ configured to analyze the user interaction pattern, parameter state, and correlation information and ~~for determining~~ configured to determine adjustments to the

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processing unit corresponding to particular user interaction input, wherein said adjustments are determined based on ~~the calculated predictability factors~~ ~~increasing the ease of using a wireless device~~; and

a processing unit controller, coupled to the cognitive logic device and processing unit, ~~for~~ configured to dynamically adjust~~ing~~ the processing unit in response to receipt of the particular user input in accordance with the determined adjustments when the predictability factors reach a predetermined level.

13. (Currently Amended) In a user cognitive device, a method of optimizing a user inputs, the method comprising:

receiving user inputs at an electronic device indicating interactions of a user with processing of the electronic device;

monitoring user interaction patterns of the user, monitoring device parameter settings, and correlating use patterns with device parameter settings;

analyzing user interaction patterns, parameter state, and correlation information;

calculating predictability factors;

determining adjustments for the electronic device corresponding to the particular user input, wherein said adjustments are determined based on the calculated predictability factors ~~increasing the ease of a wireless device~~; and

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adjusting the electronic device in response to particular user input in accordance with the determined adjustments when the predictability factors reach a predetermined level.

14. (Original) The method of claim 13 wherein the determined adjustments include changes to parameters, configurations and states of a processing unit.

15. (Currently Amended) The method of claim 13 wherein the determining adjustments uses a cognitive model that creates dynamic rules based on a[[n]] continuous analysis of user interaction patterns, parameter state, and correlation information.

16. (Original) The method of claim 15 further comprising selectively turning off rules in response to user interaction through the user input device.

17. (Currently Amended) The method of claim 13 wherein the determining user interaction patterns includes multiple users and comprises categorizing the user interaction pattern information into either common interaction patterns or style interaction patterns and the electronic device is adjusted based on the common

interaction patterns and selectively adjusted based on the style interaction patterns in response to a current user interaction style.

18. (Currently Amended) In a user cognitive device, a method of optimizing [[a]] user inputs, the method comprising:

receiving user inputs from a plurality of users at the electronic device indicating interactions of the users with processing of the electronic device;

determining interaction patterns of the users with the electronic device;

calculating predictability factors;

categorizing the determined interaction patterns as either common interaction patterns or style interaction patterns;

determining adjustments based on the determined interaction patterns and the calculated predictability factors ~~increasing the ease of using of the wireless device, determining adjustments for the electronic device~~;

categorizing the determined adjustments as either common adjustments or style adjustments; and

adjusting the electronic device using the common adjustments and selectively applying the style adjustments in response to a current user interaction style.